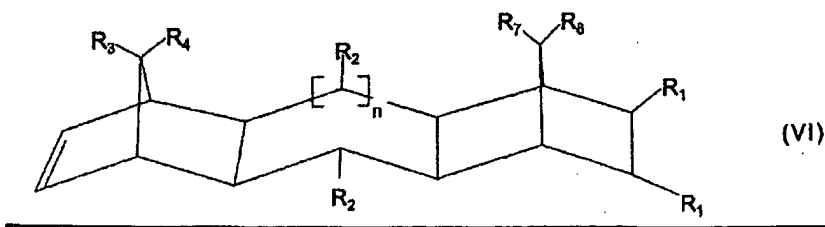
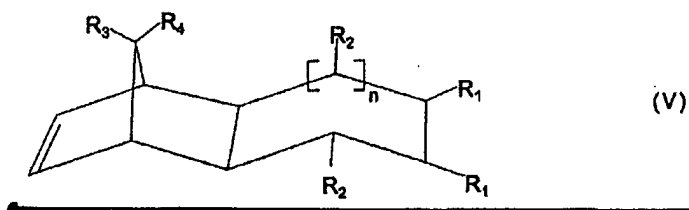
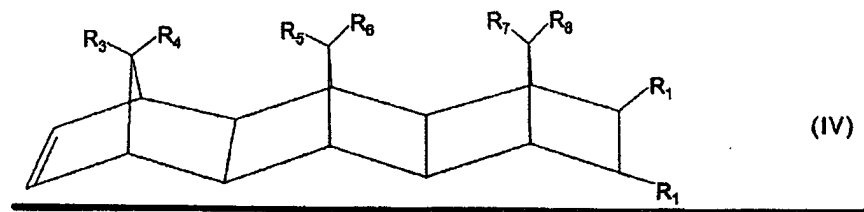
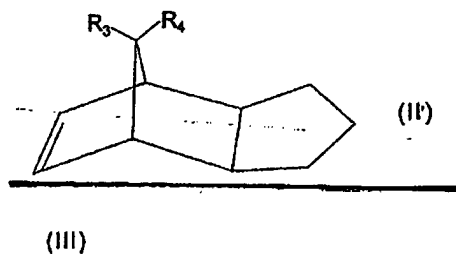
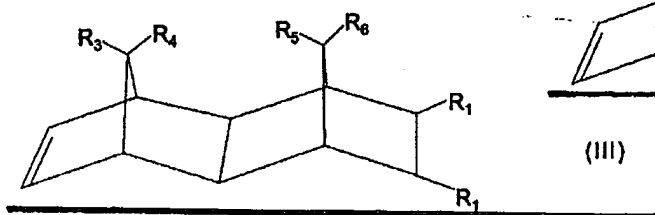
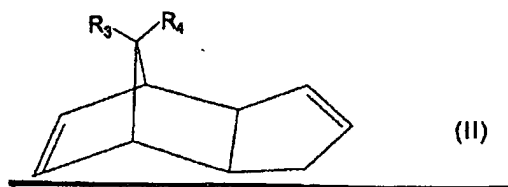
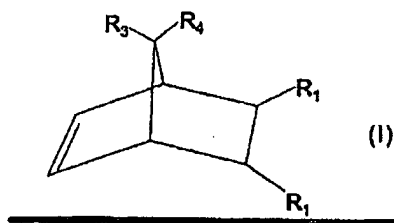


AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A process for producing a packaging composed of a thermoformable film composed of thermoplastic polyolefins, via thermoforming, where, after thermoforming, the film has an improved heat distortion temperature and a high water-vapor barrier, which comprises using, in the thermoformable film, an amount in the range of from 20 to 90 % by weight, based on the total weight of polyolefins, of COC with a glass transition temperature T_g in the range from 65 to 200°C, measured to DIN EN ISO 11357-1 with the aid of a DSC at a heating rate of 10 K/min, and which comprises producing therefrom, via thermoforming at a temperature in the range from 70 to 170°C a packaging whose heat distortion temperature is in the range from 60 to 200°C, and wherein said COC contains, based on the total weight of the COC, from 0.1 to 100.0 % by weight of polymerized units which derive from at least one polycyclic olefin of formulae (I), (II), (II'), (III), (IV), (V), or (VI)



wherein

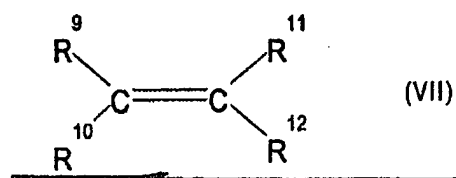
R₁, R₂, R₃, R₄, R₅, R₆, R₇, and R₈

are, identically or differently, a hydrogen atom or a C1-C20 hydrocarbon radical, or form a saturated, unsaturated or aromatic ring, and wherein identical radicals R₁, R₂, R₃, R₄, R₅, R₆, R₇, and R₈ in the various formulae (I), (II), (III), (IV), (V), and (VI) have a different meaning; and

n is an integer from 0 to 5;

and

from 0.1 to 99.9 % by weight, based on the total weight of the COC, of polymerized units which derive from one or more acyclic olefins of formula (VII)



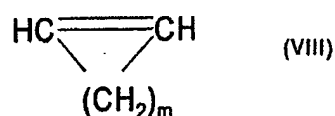
wherein

R⁹, R¹⁰, R¹¹, and R¹²

are, identically or differently, hydrogen atom or a linear or branched, saturated or unsaturated C1-C20 hydrocarbon radical.

2. (Previously Presented) The process as claimed in claim 1, wherein the COC has an average molar mass, expressed as Mw, in the range from 500 to 2 000 000 g/mol.
3. (Previously Presented) The process as claimed in claim 1, wherein the COC has a viscosity number to DIN 53 728 in the range from 5 to 5000 ml/g.
4. (Previously Presented) The process as claimed in claim 1, wherein the thermoformable film is a monofilm or a multilayer film and has a total thickness in the range from 5 to 2000 μm.
5. (Cancelled)

6. (Currently Amended) The process ~~as claimed in claim 5~~ of claim 1, wherein the COC contains, based on its total weight, an amount of from 0 to 45% by weight of polymerized units which derive from one or more monoolefinic olefins of the formula VIII



where m is a number from 2 to 10.

7. (Previously Presented) The process as claimed in claim 1, wherein the COC has a glass transition temperature Tg in the range from 85 to 200°C and wherein the process comprises, where appropriate, a mixture of COCs with different Tg.
8. (Previously Presented) The process as claimed in claim 1, wherein the thermoformable film comprises, as other polyolefins, high- or low-density polyethylenes (HDPE, LDPE, LLDPE), ethylene-vinyl acetate copolymer, ionomer, polypropylene, olefin copolymers, plastomers, or a mixture of these.
9. (Previously Presented) The process as claimed in claim 1, wherein the thermoformable film comprises up to 40% by weight of cut film arising during the production process in the form of regrind.
10. (Previously presented) A packaging, produced by a process as claimed in claim 1, which, after thermoforming of the thermoformable film, has a heat distortion temperature in the range from 60 to 200°C.
11. (Original) The packaging as claimed in claim 10, which is a blister pack.
12. (Previously Presented) The process as claimed in claim 1, wherein said thermoforming at a temperature in the range from 80 to 160°C, a packaging whose heat distortion temperature is in the range from 110 to 180°C.

13. (Previously Presented) The process as claimed in claim 1, wherein the COC has an average molar mass, expressed as Mw, in the range from 3000 to 500 000 g/mol.
14. (Previously Presented) The process as claimed in claim 2, wherein the COC has a viscosity number to DIN 53 728 in the range from 5 to 1000 ml/g.
15. (Previously Presented) The process as claimed in 14, wherein the thermoformable film is a monofilm or a multilayer film and has a total thickness in the range from 200 to 400 μm .
16. (Cancelled)
17. (Currently Amended) The process ~~as claimed in claim 16 of claim 1~~, wherein the COC has a glass transition temperature Tg in the range from 120 to 190°C, and wherein the process optionally comprises a mixture of COCs with different Tg.
18. (Currently Amended) A packaging, produced by a process as claimed in claim 17, which, after thermoforming of the thermoformable film, has a heat distortion temperature in the range from 110 to 180°C.
19. (New) The process of claim 1, wherein the C1-C20 hydrocarbon radical for formulae (I), (II), (II'), (III), (IV), (V), or (VI) is a linear or branched C1-C8 alkyl radical, a linear or branched C6-C18-aryl radical, a linear or branched C7-C20 alkylenearyl radical, or a cyclic or acyclic C2-C20 alkenyl radical.
20. (New) The process of claim 1, wherein the C1-C20 hydrocarbon radical for formulae (VII) is a linear, branched, saturated or unsaturated C1-C8-alkyl radical or a C6-C18-aryl radical.
21. (New) A process for producing a packaging composed of a thermoformable film composed of thermoplastic polyolefins, via thermoforming, where, after thermoforming, the film has an improved heat distortion temperature and a high water-vapor barrier, which comprises using, in the thermoformable film, an amount in the range of from 5 to

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80 % by weight, based on the total weight of polyolefins, of COC with a glass transition temperature T_g in the range from 65 to 200°C, measured to DIN EN ISO 11357-1 with the aid of a DSC at a heating rate of 10 K/min, and which comprises producing therefrom, via thermoforming at a temperature in the range from 70 to 170°C a packaging whose heat distortion temperature is in the range from 60 to 200°C.